



Product Sheet

## yOX108 (ATCC® 79376™)

### *Homo sapiens*

#### Please read this FIRST



Biosafety Level

1

#### Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

#### Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Homo sapiens* (ATCC® 79376™)

#### Shipping Information

Distributed: test tube

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

#### Description

Designation: yOX108

#### Notes

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

#### Distributed In

Distribution host: *Saccharomyces cerevisiae* AB1380

#### Insert Information

DNA: genomic

DESCRIPTION OF INSERT COMPONENT:

Genome: *Homo sapiens*

Gene symbol: DYS\*q

Genomic copy number: unique

Gene name: DNA Segment, single copy

Contains complete coding sequence?: U

Chromosome: Y; Localization: Y q

Tissue: lymphoblastoid OXEN cell line, XYYYY

Type of DNA: genomic

Insert end: EcoRI

Insert end: EcoRI

Insert size (kb):

Cross references:

Tissue: lymphoblastoid OXEN cell line, XYYYY

Gene product: DNA Segment, single copy [DYS\*q]

#### Vector Information

Construct size (kb): 0.0

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pYAC4

Intact vector size: 11.454

Type of vector: YAC

Vector end: EcoRI

Vector end: EcoRI

Cloning sites: EcoRI

Polylinker sites:

Host range: *Saccharomyces cerevisiae*; *Escherichia coli*

Features (with orientation and position when available):

marker(s): SUP4, 386-661

marker(s): URA3, -, 1950-2753

other: telomere, 3548-4235

marker(s): HIS3, <-, 4881-5540

other: telomere, 6012-6699

replicon: pMB1, 7186-7186

marker(s): ampR, <-, 7944-8804

marker(s): TRP1, >-, 9117-9791

replicon: ARS1, 9632-10376

centromere: CEN4, 10476-11453

Cross references: DNA Seq. Acc.: U01086

#### Propagation

##### Growth Conditions

**Temperature:** 30.0°C

##### Medium

ATCC® Medium 1798: aAHC medium for YAC clones



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#### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

#### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

#### ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

#### Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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